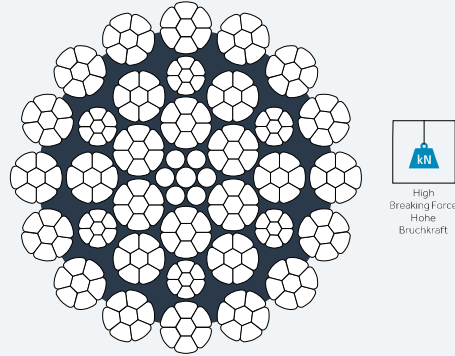
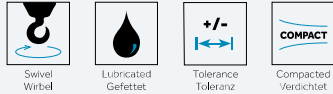


CASAR STARLIFT PLUS



PROPERTIES _ EIGENSCHAFTEN



APPLICATIONS _ ANWENDUNGEN

A very flexible rope with a core in a special design avoiding crossovers between the strands of core and preventing internal rope destruction. Hoist rope for mobile cranes, electrical hoists and other applications, where rotation resistant ropes are required.

Ein sehr flexibles Seil mit einer speziell konstruierten Stahlseile, die Überkreuzungen zwischen den Litzen vermeidet sowie die Gefahr von Zerstörungen im Seilinneren herabsetzt. Hubseil für Mobilkrane, Elektrozüge und andere Anwendungen, bei denen drehungsfreie Seile erforderlich sind.

OVERVIEW _ ÜBERBLICK TECHNISCHE DATEN

Diameter Range _ Durchmesserbereich [mm]	10 – 56
RCN	23–2
Number of Outer Strands _ Anzahl der Außenlitzen	16
Number of Wires _ Gesamtdrahtzahl	245
Number of Outer Load Bearing Wires _ Anzahl der tragenden Drähte in den Außenlitzen	112
Average Fill Factor _ Mittlerer Füllfaktor	0.716
Average Nominal Metallic Area Factor C _ Mittlerer metallischer Querschnittsfaktor C	0.562
Average Spin Factor _ Mittlerer Verselfaktor	*N/mm ² 0.83 (1960)* / 0.82 (2160)* / 0.76 (2360)*

- Temperature range of use: –50°C to +75°C
- Suitable for multi-layer spooling, preferred in Lang's lay execution
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand
- Available in galvanized and ungalvanized
- Einsatztemperaturbereich: –50°C bis +75°C
- In Gleichschlag besonders geeignet für Mehrlagenspülung
- In Kreuzschlag und Gleichschlag erhältlich
- In rechtsgängig und linksgängig erhältlich
- In verzinkter und blanker Ausführung erhältlich

Nominal Diameter _ Nenn-durchmesser		Weight _ Gewicht		Minimum Breaking Force _ Mindestbruchkraft											
				1960 N/mm ²				2160 N/mm ²				2360 N/mm ² *			
				t		t [2000 lbs]		t		t [2000 lbs]		t		t [2000 lbs]	
mm	inch	kg/m	lb/ft	kN [metric]	lbs	kN [metric]	lbs	kN [metric]	lbs	kN [metric]	lbs	kN [metric]	lbs	kN [metric]	lbs
13		0.85	0.57	155,0	15.81	34.845	17.42	169,0	17.23	37.993	19.00	175,0	17.85	39.342	19.67
14		0.99	0.67	179,0	18.25	40.241	20.12	195,0	19.88	43.838	21.92	203,0	20.70	45.636	22.82
15		1.13	0.76	206,0	21.01	46.311	23.16	225,0	22.94	50.582	25.29	233,0	23.76	52.380	26.19
16	5/8	1.29	0.87	235,0	23.96	52.830	26.42	257,0	26.21	57.776	28.89	266,0	27.12	59.799	29.90
17		1.46	0.98	261,0	26.61	58.675	29.34	285,0	29.06	64.071	32.04	300,0	30.59	67.443	33.72
18		1.63	1.09	298,0	30.39	66.993	33.50	325,0	33.14	73.063	36.53	337,0	34.36	75.761	37.88
19	3/4	1.81	1.22	329,0	33.55	73.962	36.98	359,0	36.61	80.706	40.35	375,0	38.24	84.303	42.15
20		2.02	1.36	367,0	37.42	82.505	41.25	401,0	40.89	90.148	45.07	416,0	42.42	93.521	46.76
21		2.23	1.50	402,0	40.99	90.373	45.19	439,0	44.77	98.691	49.35	458,0	46.70	102.962	51.48
22		2.44	1.64	442,0	45.07	99.366	49.68	483,0	49.25	108.583	54.29	502,0	51.19	112.854	56.43
	7/8	2.48	1.67	451,1	46.00	101.411	50.71	492,9	50.26	110.808	55.40	512,3	52.24	115.170	57.58
23		2.68	1.80	483,0	49.25	108.583	54.29	527,0	53.74	118.474	59.24	549,0	55.98	123.420	61.71
24		2.90	1.95	525,0	53.54	118.025	59.01	573,0	58.43	128.815	64.41	598,0	60.98	134.436	67.22
25		3.14	2.11	571,0	58.23	128.366	64.18	623,0	63.53	140.056	70.03	649,0	66.18	145.901	72.95
	1	3.25	2.18	589,4	60.10	132.502	66.25	643,1	65.58	144.575	72.29	669,9	68.31	150.599	75.30
26		3.42	2.30	615,0	62.71	138.257	69.13	671,0	68.42	150.847	75.42	702,0	71.58	157.816	78.91
27		3.68	2.47	669,0	68.22	150.397	75.20	730,0	74.44	164.110	82.06	757,0	77.19	170.180	85.09
28		3.95	2.65	719,0	73.32	161.638	80.82	784,0	79.95	176.250	88.13	814,0	83.01	182.994	91.50
	1 1/8	4.11	2.76	748,8	76.36	168.337	84.17	816,5	83.26	183.556	91.78	847,8	86.45	190.593	95.30
29		4.26	2.86	768,0	78.32	172.653	86.33	838,0	85.45	188.390	94.19	873,0	89.02	196.258	98.13
30		4.55	3.05	827,0	84.33	185.917	92.96	903,0	92.08	203.002	101.50	935,0	95.34	210.196	105.10
31		4.85	3.26	879,0	89.63	197.607	98.80	959,0	97.79	215.592	107.80	998,0	101.77	224.359	112.18
32	1 1/4	5.17	3.47	934,0	95.24	209.972	104.99	1.019,0	103.91	229.080	114.54	1.079,8	110.11	242.749	121.37
33		5.49	3.69	1.003,0	102.28	225.483	112.74	1.095,0	111.66	246.166	123.08	1.131,0	115.33	254.259	127.13
34		5.83	3.92	1.054,0	107.48	236.949	118.47	1.150,0	117.27	258.530	129.27	1.201,0	122.47	269.995	135.00
35	1 3/8	6.19	4.16	1.116,5	113.85	250.999	125.50	1.218,2	124.22	273.862	136.93	1.272,2	129.73	286.002	143.00
36		6.54	4.40	1.187,0	121.04	266.848	133.42	1.296,0	132.16	291.352	145.68	1.346,0	137.26	302.593	151.50
38	1 1/2	7.31	4.91	1.322,0	134.81	297.197	148.60	1.443,0	147.15	324.399	162.20	1.492,0	152.14	335.415	167.71
40		8.06	5.41	1.467,0	149.59	329.795	164.90	1.601,0	163.26	359.919	179.96	1.648,0	168.05	370.485	185.24
	1 5/8	8.58	5.77	1.562,0	159.28	351.154	175.58	1.704,7	173.83	383.230	191.61	1.754,7	178.93	394.480	197.24
42		8.87	5.96	1.616,0	164.79	363.291	181.65	1.764,0	179.88	396.563	198.28	1.818,0	185.39	408.703	204.35
44		9.77	6.56	1.770,0	180.49	397.912	198.96	1.932,0	197.01	434.331	217.17	2.014,0	205.37	452.765	226.38
	1 3/4	9.97	6.70	1.806,4	184.20	406.095	203.05	1.971,7	201.06	443.256	221.63	2.055,4	209.59	462.072	231.04
46		10.68	7.18	1.935,0	197.32	435.005	217.50	2.112,0	215.37	474.796	237.40	2.183,0	222.61	490.758	245.38
48	1 7/8	11.58	7.78	2.115,0	215.67	475.471	237.74	2.309,0	235.45	519.084	259.54	2.361,0	240.76	530.774	265.39
50		12.61	8.48	2.297,0	234.23	516.386	258.19	2.507,0	255.65	563.596	281.80	2.573,0	262.38	578.433	289.22
	2	12.99	8.73	2.371,0	241.78	533.022	266.51	2.587,9	263.90	581.783	290.89	2.656,0	270.84	597.092	298.55
52		13.61	9.14	2.486,0	253.50	558.875	279.44	2.713,0	276.65	609.907	304.95	2.790,0	284.50	627.217	313.61
54	2 1/8	14.70	9.88	2.695,0	274.82	605.860	302.93	2.941,0	299.90	661.163	330.58	–	–	–	–
56		15.81	10.62	2.879,0	293.58	647.225	323.61	3.142,0	320.40	706.350	353.17	–	–	–	–

*Formerly // entspricht CASAR STARLIFT PRO